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SI  
1,22207  
2664

PTO/SB/21 (05-03)

Approved for use through 04/30/2003. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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|   |                        |                   |
|---|------------------------|-------------------|
| <b>TRANSMITTAL FORM</b><br><br>(to be used for all correspondence after initial filing) | Application Number     | 09/742,578        |
|   | Filing Date            | December 21, 2000 |
|   | First Named Inventor   | Ozluturk et al.   |
|   | Art Unit               | 2664              |
|   | Examiner Name          | Chin, Wellington  |
|   | Attorney Docket Number | I-2-0091.7US      |
| Total Number of Pages in This Submission  |                        |                   |

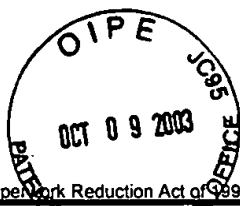
| ENCLOSURES (Check all that apply)   |   |  |
|---|---|--|
| <input checked="" type="checkbox"/> Fee Transmittal Form                          | <input type="checkbox"/> Drawing(s)                                       | <input type="checkbox"/> After Allowance communication to Group                            |
| <input type="checkbox"/> Fee Attached   | <input type="checkbox"/> Licensing-related Papers                         | <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences        |
| <input type="checkbox"/> Amendment/Reply  | <input type="checkbox"/> Petition   | <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) |
| <input type="checkbox"/> After Final  | <input type="checkbox"/> Petition to Convert to a Provisional Application | <input type="checkbox"/> Proprietary Information   |
| <input type="checkbox"/> Affidavits/declaration(s)                                | <input type="checkbox"/> Power of Attorney, Revocation                    | <input type="checkbox"/> Status Letter   |
| <input type="checkbox"/> Extension of Time Request                                | <input type="checkbox"/> Change of Correspondence Address                 | <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):            |
| <input type="checkbox"/> Express Abandonment Request                              | <input type="checkbox"/> Terminal Disclaimer                              | Form PTO-1449, Copy of European Search Report and Copies of Three (3) Cited References     |
| <input checked="" type="checkbox"/> Supplemental Information Disclosure Statement | <input type="checkbox"/> Request for Refund                               |  |
| <input type="checkbox"/> Certified Copy of Priority Document(s)                   | <input type="checkbox"/> CD, Number of CD(s) _____                        |  |
| <input type="checkbox"/> Response to Missing Parts/Incomplete Application         | <b>RECEIVED</b><br>OCT 21 2003<br>Technology Center 2600                  |  |
| <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53      |   |  |
| Remarks   |   |  |

| SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT |   |
|--|---|
| Firm or Individual name                    | Frank A. Mazzeo Reg. No. 46,259<br>Volpe and Koenig, P.C. |
| Signature                                  |   |
| Date                                       | October 6, 2003   |

| CERTIFICATE OF TRANSMISSION/MAILING   |                 |
|---|-----------------|
| I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below. |                 |
| Typed or printed name   | Frank A. Mazzeo |
| Signature   |                 |
| Date  | October 6, 2003 |

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PTO/SB/17 (05-03)  
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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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# FEE TRANSMITTAL for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 0

## Complete if Known

|                      |                   |
|----------------------|-------------------|
| Application Number   | 09/742,578        |
| Filing Date          | December 21, 2000 |
| First Named Inventor | Ozluturk et al.   |
| Examiner Name        | Chin, Wellington  |
| Art Unit             | 2664              |
| Attorney Docket No.  | I-2-0091.7US      |

## METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None

☒ Deposit Account:

Deposit Account Number: 09-0435  
Deposit Account Name: InterDigital Communications Corporation

The Director is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☒ Credit any overpayments charge any deficiencies  
☒ Charge any additional fee(s) during the pendency of this application  
☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

## FEE CALCULATION

### 1. BASIC FILING FEE

| Large Entity Fee Code (\$) | Small Entity Fee Code (\$) | Fee Description        | Fee Paid |
|----------------------------|----------------------------|------------------------|----------|
| 1001 750                   | 2001 375                   | Utility filing fee     |          |
| 1002 330                   | 2002 165                   | Design filing fee      |          |
| 1003 520                   | 2003 260                   | Plant filing fee       |          |
| 1004 750                   | 2004 375                   | Reissue filing fee     |          |
| 1005 160                   | 2005 80                    | Provisional filing fee |          |
| SUBTOTAL (1)               |                            |                        | (\$) 0   |

### 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

| Total Claims              | Extra Claims | Fee from below | Fee Paid |
|---------------------------|--------------|----------------|----------|
| Independent Claims        | =            | X              | =        |
| Multiple Dependent Claims | =            | X              | =        |

| Large Entity Fee Code (\$) | Small Entity Fee Code (\$) | Fee Description  |
|----------------------------|----------------------------|--|
| 1202 18                    | 2202 9                     | Claims in excess of 20                                     |
| 1201 84                    | 2201 42                    | Independent claims in excess of 3                          |
| 1203 280                   | 2203 140                   | Multiple dependent claim, if not paid                      |
| 1204 84                    | 2204 42                    | ** Reissue independent claims over original patent         |
| 1205 18                    | 2205 9                     | ** Reissue claims in excess of 20 and over original patent |

SUBTOTAL (2) (\$) 0

\*\*or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

Large Entity Small Entity

| Fee Code (\$) | Fee Code (\$) | Fee Description  | Fee Paid |
|---------------|---------------|--|----------|
| 1051 130      | 2051 65       | Surcharge - late filing fee or oath  |          |
| 1052 50       | 2052 25       | Surcharge - late provisional filing fee or cover sheet                     |          |
| 1053 130      | 1053 130      | Non-English specification  |          |
| 1812 2,520    | 1812 2,520    | For filing a request for <i>ex parte</i> reexamination                     |          |
| 1804 920*     | 1804 920*     | Requesting publication of SIR prior to Examiner action                     |          |
| 1805 1,840*   | 1805 1,840*   | Requesting publication of SIR after Examiner action                        |          |
| 1251 110      | 2251 55       | Extension for reply within first month                                     |          |
| 1252 410      | 2252 205      | Extension for reply within second month                                    |          |
| 1253 930      | 2253 465      | Extension for reply within third month                                     |          |
| 1254 1,450    | 2254 725      | Extension for reply within fourth month                                    |          |
| 1255 1,970    | 2255 985      | Extension for reply within fifth month                                     |          |
| 1401 320      | 2401 160      | Notice of Appeal   |          |
| 1402 320      | 2402 160      | Filing a brief in support of an appeal                                     |          |
| 1403 280      | 2403 140      | Request for oral hearing   |          |
| 1451 1,510    | 1451 1,510    | Petition to institute a public use proceeding                              |          |
| 1452 110      | 2452 55       | Petition to revive - unavoidable   |          |
| 1453 1,300    | 2453 650      | Petition to revive - unintentional   |          |
| 1501 1,300    | 2501 650      | Utility issue fee (or reissue)   |          |
| 1502 470      | 2502 235      | Design issue fee   |          |
| 1503 630      | 2503 315      | Plant issue fee  |          |
| 1460 130      | 1460 130      | Petitions to the Commissioner  |          |
| 1807 50       | 1807 50       | Processing fee under 37 CFR 1.17(q)  |          |
| 1806 180      | 1806 180      | Submission of Information Disclosure Stmt                                  |          |
| 8021 40       | 8021 40       | Recording each patent assignment per property (times number of properties) |          |
| 1809 750      | 2809 375      | Filing a submission after final rejection (37 CFR 1.129(a))                |          |
| 1810 750      | 2810 375      | For each additional invention to be examined (37 CFR 1.129(b))             |          |
| 1801 750      | 2801 375      | Request for Continued Examination (RCE)                                    |          |
| 1802 900      | 1802 900      | Request for expedited examination of a design application                  |          |

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$) 0

## SUBMITTED BY

(Complete if applicable)

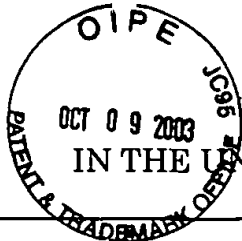
|                   |                 |                                   |                 |           |              |
|-------------------|-----------------|-----------------------------------|-----------------|-----------|--------------|
| Name (Print/Type) | Frank A. Mazzeo | Registration No. (Attorney/Agent) | 46,259          | Telephone | 215-568-6400 |
| Signature         |                 | Date                              | October 6, 2003 |           |              |

**WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the PATENT APPLICATION of:

Ozluturk et al.

Application No.: 09/742,578

Filed: December 21, 2000

For: METHOD FOR USING RAPID  
ACQUISITION SPREADING CODES FOR  
SPREAD-SPECTRUM COMMUNICATIONS

Group: 2664

Examiner: Chin, Wellington

Our File: I-2-0091.7US

Date: October 6, 2003

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OCT 21 2003

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**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT  
INCLUDING RULE 1.97(e)(1), 1.97(e)(2) and 1.704(d) STATEMENTS**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Further to Applicants' Duty of Disclosure pursuant to 37 C.F.R. § 1.56, Applicants wish to bring to the Examiner's attention the material cited on the enclosed Form PTO-1449, which was cited in an Examiner's Notice of References Cited from a corresponding U.S. application or a European search report from a corresponding foreign application. Copies of the cited references and the European search report are enclosed.

To the best of Applicant's knowledge, no Notice of Allowance has issued yet in the instant Application. However, if a Notice of Allowance has issued before this Supplemental Information Disclosure Statement (SIDS) is filed, the U.S. Patent and Trademark Office is authorized to charge Applicants' deposit account for the fee set forth in §1.17(p). A fee transmittal with the required information is enclosed.

Pursuant to Rule 1.704(d), the undersigned certifies that references HS and HT in this SIDS were cited in a communication in a corresponding U.S. application, and

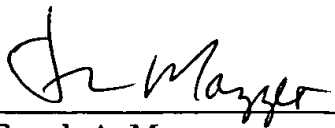
reference HU was cited in a communication from a foreign patent office in a corresponding application. Neither communication was received by any individual designated in §1.56(c) more than thirty (30) days prior to the filing of the SIDS. October 4 and 5, 2003 were a Saturday and Sunday, respectively.

Pursuant to Rule 1.97(e)(1), the undersigned certifies that reference HU in this SIDS was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this SIDS.

Pursuant to Rule 1.97(e)(2), the undersigned certifies that references HS and HT in this SIDS were not cited in any communication from a foreign patent office in a counterpart foreign application, nor, to the knowledge of the undersigned, after making reasonable inquiry, known to any individual designated in §1.56(c) more than three months prior to the filing of this SIDS.

It is respectfully requested that the Examiner consider these documents and return an initialed copy of the Form PTO-1449 indicating consideration of the cited materials.

Respectfully submitted,  
Ozluturk et al.

By   
Frank A. Mazzeo  
Registration No. 46,259  
(215) 568-6400

Volpe and Koenig, P.C.  
United Plaza, Suite 1600  
30 South 17<sup>th</sup> Street  
Philadelphia, PA 19103  
FAM/sag  
Enclosures

|   |  |                 |   |   |   |   |   |   |                                  |                 |         |  |  |  |                          |  |          |  |                            |    |
|---|--|-----------------|---|---|---|---|---|---|----------------------------------|-----------------|---------|--|--|--|--------------------------|--|----------|--|----------------------------|----|
| FORM PTO-1449<br>U.S. DEPARTMENT OF COMMERCE<br>PATENT AND TRADEMARK OFFICE               |  |                 |   |   |   |   |   |   | ATTY. DOCKET NO.<br>I-2-0091.7US |                 |         |  |  |  | SERIAL NO.<br>09/742,578 |  |          |  |                            |    |
| INFORMATION DISCLOSURE<br>STATEMENT BY APPLICANT<br><br>(Use several sheets if necessary) |  |                 |   |   |   |   |   |   | APPLICANT<br>Ozluturk et al.     |                 |         |  |  |  |                          |  |          |  |                            |    |
|   |  |                 |   |   |   |   |   |   | FILING DATE<br>December 21, 2000 |                 |         |  |  |  | GROUP<br>2664            |  |          |  |                            |    |
| U.S. PATENT DOCUMENTS   |  |                 |   |   |   |   |   |   |                                  |                 |         |  |  |  |                          |  |          |  |                            |    |
| EXAMINER INITIAL  |  | DOCUMENT NUMBER |   |   |   |   |   |   | DATE                             |                 | NAME    |  |  |  | CLASS                    |  | SUBCLASS |  | FILING DATE IF APPROPRIATE |    |
|   |  | HS              | 5 | 4 | 4 | 8 | 6 | 0 | 0                                | 09/1995         | Lucas   |  |  |  |                          |  |          |  |                            |    |
|   |  | HT              | 5 | 6 | 9 | 2 | 0 | 0 | 8                                | 11/1997         | Van Nee |  |  |  |                          |  |          |  |                            |    |
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|   |  |                 |   |   |   |   |   |   |                                  |                 |         |  |  |  |                          |  |          |  |                            |    |
| FOREIGN PATENT DOCUMENTS  |  |                 |   |   |   |   |   |   |                                  |                 |         |  |  |  |                          |  |          |  |                            |    |
|   |  | DOCUMENT NUMBER |   |   |   |   |   |   | DATE                             |                 | COUNTRY |  |  |  | CLASS                    |  | SUBCLASS |  | TRANSLATION                |    |
|   |  | HU              | 9 | 7 | 0 | 7 | 6 | 0 | 0                                | 02/1997         | WO      |  |  |  |                          |  |          |  | YES                        | NO |
|   |  |                 |   |   |   |   |   |   |                                  |                 |         |  |  |  |                          |  |          |  |                            |    |
|   |  |                 |   |   |   |   |   |   |                                  |                 |         |  |  |  |                          |  |          |  |                            |    |
| OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)                    |  |                 |   |   |   |   |   |   |                                  |                 |         |  |  |  |                          |  |          |  |                            |    |
|   |  |                 |   |   |   |   |   |   |                                  |                 |         |  |  |  |                          |  |          |  |                            |    |
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| EXAMINER  |  |                 |   |   |   |   |   |   |                                  | DATE CONSIDERED |         |  |  |  |                          |  |          |  |                            |    |